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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of :

Frederic HOFFMANN et al.

Group Art Unit: 1764

Serial No.: 10/084,493

Examiner: Alexa A. Doroshenk

Filed: February 28, 2002

For: THIN MULTI-STAGE CATALYTIC REACTOR WITH INTERNAL HEAT  
EXCHANGER, AND USE THEREOF

**REPLY**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of December 2, 2004, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.